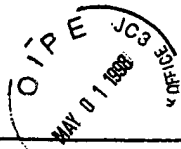




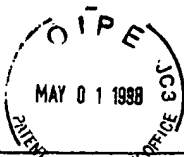
4/18/2

Page 1 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APP. DOCKET NO.	SERIAL NO.
		YO987-074BZ	08/479,810
		APPLICANT J. Georg Bednorz and K. Alex Mueller	
FILING DATE		GROUP	
June 7, 1995		1105-1757	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
12	AA 1	J. B. Goodenough and J. M. Longo, <u>Magnetic and Other Properties of Oxides and Related Compounds</u> , in Landolt-Bornstein New Series, vol. III/4a,	
15		K.-H. Hellwege and A. M. Hellwege, eds. (Springer-Verlag 1970)	
		pages 261-314.	
17	AC 1	P. W. Anderson, <u>Comments on Solid State Physics</u> , vol. II, pp. 193-197 (February/March 1970).	
18	AD 1	R. Englman, <u>The Jahn-Teller Effect in Molecules and Crystals</u> , (Wiley-Interscience, 1972), pp. 139-141, 164-181, 249-265.	
19	AE 1	B. K. Chakraverty, <u>Journal de Physique-Lettres</u> , vol. 40, pp. L-99 - L-100, (March 1979).	
20	AF 1	G. Deutscher et al. <u>Physical Review B</u> , vol. 21 pp. 5041-5047, (1 June 1980).	
21	AG 1	K. A. Muller et al. <u>Physical Review Letters</u> , vol. 45, pp. 832-835, (8 September 1980).	
22	AH 1	R. A. Buhrman et al., in <u>AIP Conference Proceedings, Inhomogeneous Superconductors - 1979</u> , (Berkeley Springs, W.V.), D. U. Gubser et al.	
23		pp. 207-215 (1980).	
24	AJ 1	T. D. Thanh et al. <u>Applied Physics</u> , vol. 22, pp. 205-212 (1980).	
25	AK 1	C. Methfessel and S. Methfessel, in <u>Proceedings of the IV Conference on Superconductivity in d- and f- Band Metals</u> , W. Buckel and W. Weber, eds. (Kernforschungszentrum, Karlsruhe, 1982), pp. 393-399.	
26			
EXAMINER		DATE CONSIDERED	
Douglas J. McGinley		7-13-98	
*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



PATENT		APP. NO.	SERIAL NO.
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		YO987-074BZ	08/479,810
		APPLICANT	J. Georg Bednorz and K. Alex Mueller
		FILING DATE	June 7, 1995
		GROUP	#105 1757
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
W	AA 2	A. Baratoff et al., in <u>Proceedings of the IV Conference on Superconductivity</u> In d- and f- Band Metals, W. Buckel and W. Weber eds., (Kernforschungszentrum, Karlsruhe, 1982) pg. 419.	
W			
W	AC 2	J. Muller, <u>Rep. Prog. Phys.</u> , vol. 43, pp. 642-687, (1980)	
✓	AD 2	M. Suzuki et al., <u>Shinku</u> , vol. 24, pp. 67-75, (1981). [in Japanese].	
W	AE 2	K. A. Muller et al., <u>Physical Review Letters</u> , vol. 47, pp. 138-142, (13 July 1981).	
W	AF 2	Y. Enomoto et al., <u>Japanese Journal of Applied Physics</u> , vol. 20, pp. L661-L664, (September 1981).	
A	AG 2	B. K. Chakraverty, <u>Journal de Physique</u> , vol. 42, pp. 1351-1356, (September 1981).	
A	AH 2	L. Er-Rakho et al., <u>Journal of Solid State Chemistry</u> , vol. 37, pp. 151-156, (1981).	
A	AI 2	A. Baratoff and G. Binnig, <u>Physica</u> , vol. 108B, pp. 1335-1336, (1981).	
A	AJ 2	L. F. Mattheiss and D. R. Hamann, <u>Physical Review B</u> , vol. 26, pp. 2686-2689, (1 September 1982).	
B	AK 2	L. F. Mattheiss and D. R. Hamann, <u>Physical Review B</u> , vol. 28, pp. 4227-4241, (15 October 1983).	
W	AL 2	K.-H. Hock et al, <u>Helvetica Physica Acta</u> , vol. 56, pp. 237-243, (1983).	
EXAMINER		DATE CONSIDERED	
Douglas J. McIndy		7-13-98	
* EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. YO987-074 BZ	SERIAL NO. 08/479,810
		APPLICANT J. Georg Bednorz and K. Alex Mueller	
		FILED DATE June 7, 1995	GROUP 1105 1751
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
AA 3	N. Nguyen et al., <u>Journal of the Physics and Chemistry of Solids</u> , vol. 44, pp. 389-400, (1983).		
AD 3	D. R. Bowman and D. Stroud, <u>Physical Review Letters</u> , vol. 52, pp. 299-302, (23 January 1984).		
AC 3	M. Tinkham et al., <u>Workshop on Problems in Superconductivity</u> , Copper Mountain, CO, pp. 12-22, (1984).		
AD 3	B. Batlogg, <u>Physica</u> , vol. 126B, pp. 275-279, (1984).		
AE 3	C. Ebner and D. Stroud, <u>Physical Review B</u> , vol. 31, pp. 165-171, (1 January 1985).		
AF 3	M. R. Harrison et al., <u>Philosophical Magazine B</u> , vol. 52, pp. 679-699, (1985).		
AG 3	E. Stocker and J. Buttet, <u>Solid State Communications</u> , vol. 53, pp. 915-917, (1985).		
AH 3	C. Van Haesendonck and Y. Bruynseraede, <u>Physical Review B</u> , vol. 33, pp. 1684-1690, (1 February 1986).		
AI 3	H. R. Ott, <u>Unconventional Superconductivity</u> , Zurich Physical Society Seminar, Zurich, (13 February 1986), [in German].		
AJ 3	T. Ogushi and Y. Osono, <u>Applied Physics Letters</u> , vol. 48, pp. 1167-1168, (28 April 1986).		
AK 3	S.-I. Uchida et al. "High T _c Superconductivity of La-Ba-Cu Oxides", unpublished nine-page manuscript bearing date of 22 November 1986.		
AL 3	<u>Asahi Shinbun</u> , International Satellite Edition (London), 28 November 1986, (in Japanese with English translation).		
EXAMINER Douglas J. McEnty		DATE CONSIDERED 7-13-98	
EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			



LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

YO987-074 BZ

SERIAL NO.

08/479,810

APPLICANT

J. Georg Bednorz and K. Alex Mueller

FILING DATE

June 7, 1995

GROUP

1105 1751

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AA	4	H. Takagi et al., "High-T _c Superconductivity of La-Ba-Cu Oxides. II- Specification of the Superconducting Phase", unpublished nine-page manuscript bearing date of 8 December 1986.
AD	4	S.-I. Uchida et al., "High-T _c Superconductivity of La-Ba-Cu Oxides. III- Electrical Resistivity Measurement" unpublished nine-page manuscript - (page 7 missing) bearing date of 22 December 1986.
AD	4	K. Kishio et al., "New High Temperature Superconducting Oxides. (La _{1-x} Sr _x) ₂ CuO _{4-δ} and (La _{1-x} Ca _x) ₂ Cu) _{4-δ} " unpublished four-page manuscript bearing date of 22 December 1986.
AF	4	C. W. Chu et al. "Superconductivity Above 52K in the La-Ba-Cu-O System" unpublished fourteen-page manuscript bearing date of 30 December 1986.
AG	4	W. Sullivan, New York Times, 31 December 1986, page A1, cols. 2-3 and A13, cols. 1-2.
AH	4	S.-I. Uchida et al., "High-T _c Superconductivity of La-Ba(Sr)-Cu Oxides. IV - Critical Magnetic Fields" unpublished ten-page manuscript bearing date of 8 January 1987.
AJ	4	S. Kanbe et al., "Superconductivity and Lattice Parameters in (La _{1-x} Sr _x) ₂ Cu) _{4-δ} Solid Solution System" unpublished four-page manuscript bearing date of 13 January 1987.
AL		

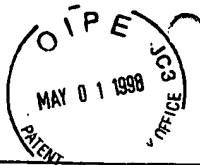
EXAMINER

Douglas J. McCarthy

DATE CONSIDERED

7-13-98

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Page 5 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APP. LOCAL NO. YO987-074 BZ	SERIAL NO. 08/479,810
		APPLICANT J. Georg Bednorz and K. Alex Mueller	
		FILED DATE June 7, 1995	GROUP 1105-1251
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
u	AA 5	H. Takagi et al., "Influence of the Oxygen Deficiency on the Electrical Resistivity in High-T _c Superconducting Oxides (LaBa) ₂ CuO _{4-y} , unpublished eight-page manuscript bearing date of 17 January 1987.	
P	AC 5	Z. Zhao et al., "High T _c Superconductivity of Sr(Ba)La-Cu Oxides" unpublished eleven-page manuscript bearing date of 21 January 1987.	
	AD		
	AE		
	AF		
	AG		
	AH		
	AI		
	AJ		
	AK		
	AL		
EXAMINER Douglas J. McLaughlin		DATE CONSIDERED 7-13-98	

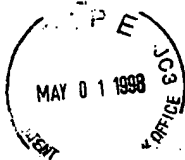
*EXAMINER Initial if inference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

88888888



Page 6 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. Y0987-074BZ	SERIAL NO. 08/479,810
				APPLICANT J. G. Bednorz et al	
				FILING DATE JUNE 7, 1995	GROUP H05/75/1
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE IF APPROPRIATE
AA					
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
AJ					
AK					
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
AL					
AM					
AN					
AO					
AP					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
✓	AR	14	Thin Solid Films 54(1978) 129-136 "Superconducting BaPb _{1-x} Bi _x O ₃ Ceramic Films Prepared by R.F. Sputtering" by L.R. Gilbert et al		
✓	AS	15	Proceedings of the 13th Conf. on Solid State Devices, Tokyo, 1981 pp. 313-318 (Invited) New Materials for Josephson Junction Devices by T. Inamura et al		
✓	AT	16	Europhysics Letters 3(3) pp. 379-385 (1987) "Susceptibility Measurements Support High-T _c Superconductivity..." by J.G. Bednorz et al		
EXAMINER Douglas J. McIntosh			DATE CONSIDERED 7-13-98		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					



Page 7 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. Y0987-074B2		SERIAL NO. 08/479,810	
				APPLICANT J. G. Bednorz et al		FILING DATE JUNE 7, 1995	
				GROUP 1105 1751			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AA							
AB							
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
AL							
AM							
AN							
AO							
AP							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
W	AR	12	Jap. Journal of Appl. Phys. Vol 21, No. 6, June 1982, pp. L375-L376, Hysteresis Loop in Current-Voltage Curve for $\text{BaPb}_{0.7}\text{Bi}_{0.3}\text{O}_3$				
	AS		Josephson Junction Array in a Microwave Field by M. Ito et al				
K	AT	13	J. Vac. Sci. Technol. 17(C) Jan/Feb 1980, pp. 389-391, "Resputtering Effects in $\text{Ba}(\text{Pb}, \text{Bi})\text{O}_3$ Perovskite" by L. R. Gilbert et al				
EXAMINER Douglas A. MZJ				DATE CONSIDERED 7-13-98			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. Y0987-074B2		SERIAL NO. 08/479,810	
				APPLICANT J. G. Bednorz et al		FILING DATE JUNE 7, 1995	
				GROUP 1751			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
✓	AR	10 Ibaraki Electrical Comm. Lab, "New Devices Using Superconducting BaPb _{0.7} Bi _{0.3} O ₃ (BPB) Thin Films" by T. Murakami et al					
✓	AS	11 Jap. Journal of Appl. Phys. Vol. 21, No. 7, July 1982, pp L437-L439, "Temperature Dependence of Max. DC Johnson Current Through Grain Boundary Junctions in BaPb _{0.75} Bi _{0.25} O ₃ Films" by M. Suzuki et al					
	AT						
EXAMINER Douglas J. MZJ				DATE CONSIDERED 7-13-98			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	Y0987-074BZ	08/479,810
	APPLICANT J. G. Bednorz et al	
	FILING DATE	GROUP
	JUNE 7, 1995	#05 1751

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AL						YES NO
	AM						
	AN						
	AO						
	AP						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)			
✓	AR	7	Phys. Rev. Lett, Vol. 45, No. 16, (Oct 1980) "Two-Band Superconductivity in Nb-Doped SrTiO_3 " by G. Binnig et al
✓	AS	8	Jap. Journal of Appl. Phys. Vol. 19, No. 5, May 1980 pp. L231-L234, "Preparation of Superconducting $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ Thin Films" by M. Suzuki et al
✓	AT	9	J. Appl. Phys. 53(3), Mar 1982, pp. 1622-1630, "Preparation and Properties of Superconducting $\text{BaPb}_{1-x}\text{Bi}_x\text{O}_3$ Thin Films by Sputtering" by M. Suzuki et al
EXAMINER		DATE CONSIDERED	
Douglas J. MZ		7-13-98	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Page 10 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. Y0987-074BZ	SERIAL NO. 08/479,810
				APPLICANT J. G. Bednorz et al	
				FILING DATE JUNE 7, 1995	GROUP #05 1751
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS FILING DATE IF APPROPRIATE
AA					
AB					
AC					
AD					
AE					
AF					
AG					
AH					
AI					
AJ					
AK					
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS TRANSLATION YES NO
AL					
AM					
AN					
AO					
AP					
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)					
AR	4	Materials Research, Physics Today, Oct. 1984, pp. 60-68, "Superconducting Materials" by M. R. Beasley et al			
AS	5	Solid State Communications, Vol. 17, pp. 27-28, 1975, "High-Temperature Superconductivity in the BaPb _{1-x} Bi _x O ₃ System" by A. W. Sleight et al			
AT	6	Mat. Res. Bull. Vol. 8, pp. 77-78, 1973, "High Temperature Superconductivity in the Li-Ti-O Ternary System" by D. C. Johnson et al			
EXAMINER Douglas J. M. [Signature]			DATE CONSIDERED 7-13-98		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

TYPE JC3 301107
MAY 01 1998

Page 11 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO.		SERIAL NO.	
				Y0987-074B2		08/479,810	
				APPLICANT			
				J. G. Bednorz et al			
FILING DATE				GROUP			
JUNE 7, 1995				H05		1751	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	1. Z. Phys. B - Condensed Matter 64, 189-193 (1986) "Possible High T _c Superconductivity in the Ba-La-Cu-O System" by J.G. Bednorz et al					
	AS	2. Revue de Chimie minérale, t. 21, 1984, p. 407, "Oxygen Intercalation in Mixed Valence Copper Oxides Related to the Perovskites" by C. Michel et al					
	AT	3. Mat. Res. Bull., Vol. 20, pp. 667-671, 1985 Pergamon Press Ltd, "The Oxygen Defect Perovskite, Ba _{1-x} La _x Cu _{1-y} O _{3-y} , A Metallic Detector" by C. Michel et al					
EXAMINER				DATE CONSIDERED			
Douglas J. M25				7-13-98			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



Page 12 of 13

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. Y0987-074B2		SERIAL NO. 08/479,810	
				APPLICANT J. G. Bednorz et al			
				FILING DATE JUNE 7, 1995		GROUP H05 1751	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
12	AR	Jap. Journal of Appl. Phys. Vol 21, No. 6, June 1982, pp. L375-L376, Hysteresis Loop in Current-Voltage Curve for $\text{BaPb}_{0.7}\text{Bi}_{0.3}\text{O}_3$					
13	AS	Josephson Junction Array in a Microwave Field by M. Ito et al					
14	AT	J. Vac. Sci. Technol. 17(C) Jan/Feb 1980, pp. 389-391, "Resputtering Effects in $\text{Ba}(\text{Pb}, \text{Bi})\text{O}_3$ Perovskite" by L. R. Gilbert et al					
EXAMINER Derylo J. McCandy				DATE CONSIDERED 7-13-98			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

COPIES
MAY 01 1998
OFF

Page 13 of 13

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				Y0987-074BZ		08/479, 810	
				APPLICANT			
				J. G. Bednorz et al			
				FILING DATE		GROUP	
				JUNE 7, 1995		H05 1251	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
Dr	AR	14	Thin Solid Films 54, (1978) 129-136 "Superconducting BaPb _{1-x} Bi _x O ₃ Ceramic Films Prepared by R.F. Sputtering" by L.R. Gilbert et al				
		15	Proceedings of the 13th Conf. on Solid State Devices, Tokyo, 1981 pp. 313-318 (Invited) New Materials for Josephson Junction Devices by T. Iramura et al				
W	AS	16	Europhysics Letters, 3(3), pp. 379-385 (1987) "Susceptibility Measurements Support High-T _c Superconductivity..." by J. G. Bednorz et al				
EXAMINER				DATE CONSIDERED			
Dorothy J. McIntosh				7-13-98			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

MAY 01 1998

OFFICE OF

Docket Number (Optional)

Y0987-074BZ

Application Number

08/479,810

Applicant(s)

J. Bednorz et al.

Filing Date

June 7, 1995

Group Art Unit

105 1751

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓		Uihda "High Tc Superconductivity of LaBaCu Oxides"
		Jap. Pat. Appl. Phys. U26 (1) Jan 1987 pL1-L2
✓		Cava "Bulk Superconductivity at 30K in La _{1-x} Sn _{0.2} CuO ₄ "
		Phys. Rev. Lett. U. 58(4) January 26, 1987 p408-410

EXAMINER

Dorothy J. McCarty

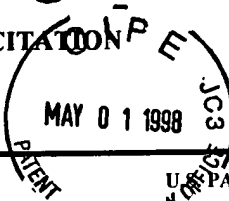
DATE CONSIDERED

7-13-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

Y0987-074BZ

Application Number

08/479,810

Applicant(s)

J. Bednorz et al.

Filing Date

June 7, 1995

Group Art Unit

1105 1751

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

19		Nguyen "Oxygen Defect K_2NiF_4 Type Oxides ..."
		Jnl of Solid State Chem. V34 1981 p170-177
29		Shaplygin "Preparation and Properties of The Compounds ..."
		Russian Jnl. of Inorg. Chem. v.24(6) 1979 p870-4

EXAMINER

Douglas J. McEnty

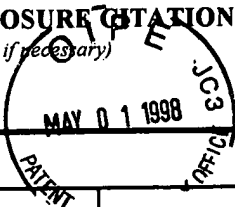
DATE CONSIDERED

7-13-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

YO987-074BZ

Application Number

08/479,810

Applicant(s)

J. Bednorz et al.

Filing Date

June 7, 1995

Group Art Unit

1105 1751

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AK		Bednorz "Phase diagram of the $(LaAlO_3)_{1-x}(SnTiO_3)_x$..."
		Met. Res. Bull. V.18 1983 p181-187
H		Perin Simon "Chimie des Solides"
		C. R. Acad Sc. Pros (28) 1976 p33-35

EXAMINER

Douglas J. McIntosh

DATE CONSIDERED

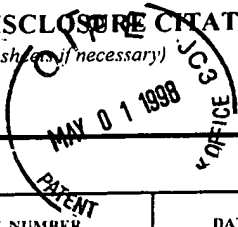
7-13-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[illegible]

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

Y0987-074BZ

Application Number

08/479,810

Applicant(s)

J. Bednorz et al.

Filing Date

June 7, 1995

Group Art Unit

1105 1751

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AL		Ahmad "Effect of environmental cations on force ..."
		Spectroscopy Letters U.9(1) 1976 p39-55
W		Blassi "Electronic and Vibrational Spectroscopy of Ordered Perovskites"
		Jnl of Solid State Chem. U.6 1973 p513-518

EXAMINER

DATE CONSIDERED

Doyko J. M. [Signature]

7-13-98

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OIPE
 INFORMATION
 MAY 01 1998
 * OFFICE
 PATENT

~~PATENT~~

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
--	--	--	--	--	--	--	--	--	--

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>James G. MS</i>	DATE CONSIDERED <i>7-13-28</i>
--------------------------------	-----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) Y0987-074BZ	Application Number 08/479,810
	Applicant(s) J. Bednorz et al.	
	Filing Date June 7, 1995	Group Art Unit T105 1751

MAY 01 1998
 JCS
 PATENT OFFICE

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OK		Rao "High Tc Superconductivity in Quasi two-dimensional"
		Current Science US6 Jan 20, 1987 p 47-94
b		Ganguly "High Tc Superconductivity in Oxides derived from La _{1-x} Sm _x SrO ₄
		Proc. Inda Acad Sci v 97 (S+C) Feb. 1987 p 631-633

EXAMINER <i>Doyle J. M. R.</i>	DATE CONSIDERED 7-13-98
-----------------------------------	----------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.